

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jonathan Harris, Reg. No. 44,144 on 5/9/08.

The application has been amended as follows:

2. **In the claims:**

Please cancel claims 24-26 and 32-51; and amend claim 23 as following:

23. (currently amended) A computer, comprising:

a processor;

a memory coupled to the processor, wherein the memory further comprises a plurality of memory elements; circuitry coupled to the plurality of memory elements wherein the circuitry includes a comparison device and a register, wherein the comparison device compares the contents of the register to determine the digital state of a desired memory element and wherein the contents of the register represent an adaptive threshold that is modified to reflect previous determinations of previous memory elements; and wherein the circuitry observes values of a plurality of memory

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elements corresponding to digital states, and utilizes the values of proximate memory elements to predict the digital state of at least one memory element.

3. The following is an examiner's statement of reasons for allowance: none of the prior art of record shows the combination a the memory comprises a plurality of memory elements; circuitry coupled to the plurality of memory elements wherein the circuitry includes a comparison device and a register, wherein the comparison device compares the contents of the register to determine the digital state of a desired memory element and wherein the contents of the register represent an adaptive threshold that is modified to reflect previous determinations of previous memory elements; and the other features of claim 11 or 21.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Denise Tran whose telephone number is (571) 272-4189. The examiner can normally be reached on Monday, Thursday, and an alternate Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sough Hyung can be reached on (571) 272-6799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Denise Tran/
Primary Examiner, Art Unit 2188